

AMENDMENTS TO THE CLAIMS

Applicant submits below a complete listing of the current claims, including marked-up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing. This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently amended) A portable recall device configured to be carried by a wearer comprising:

a camera;

at least one accelerometer operably connected to the camera that detects ~~a stable condition~~ an acceleration of the camera; ~~[[and]]~~

~~[[an]] at least one environmental sensor operably connected to the camera and configured adapted~~ to monitor ~~[[an]] at least one~~ ambient condition, the at least one ambient condition including ambient light, external to the wearer ~~to detect a capture condition;~~ and

a controller operably connected to the camera, the at least one accelerometer, and the at least one environmental sensor to determine whether to capture an image using the camera based on satisfaction of a capture condition, wherein the controller is adapted to determine whether the capture condition is satisfied comprises detection of by determining whether a change in a level of the ambient light monitored by the at least one environmental sensor is above a first threshold and whether the acceleration of the camera detected by the at least one accelerometer is below a second threshold.

~~, wherein detection of the capture condition and detection of the stable condition triggers capture of an image by the camera.~~

2. – 3. (Canceled)

4. (Currently amended) The portable recall device of claim 1 further comprising:
an audio recording circuit ~~recording~~ adapted to record ambient sounds,

wherein the controller is operably connected to the audio recording circuit and is adapted to determine whether to record ambient sounds using the audio recording circuit based on responsive to detection satisfaction of the capture condition.

5. (Original) The portable recall device of claim 1 wherein the camera includes a wide-angle lens.

6. (Original) The portable recall device of claim 1 wherein the camera includes a fish-eye lens.

7. (Currently amended) The portable recall device of Claim 1 wherein the first threshold corresponds to a change in the level of the ambient light corresponds to associated with movement of the at least one environmental sensor from one room to another room.

8. (Currently amended) The portable recall device of claim 1 wherein detection of the controller is further adapted to determine whether the capture condition comprises detection of is satisfied by comparing a change in ambient sound to a third threshold.

9. (Currently amended) The portable recall device of claim 1 wherein detection of the controller is further adapted to determine whether the capture condition comprises detection of is satisfied by comparing a change in ambient temperature to a third threshold.

10. – 12. (Canceled)

13. (Currently amended) The portable recall device of claim 1 wherein the at least one accelerometer comprises:

a plurality of accelerometers, each accelerometer oriented to detect acceleration along different axis,

wherein detection of the stable condition comprises detection of the controller is adapted to determine whether the acceleration of the camera is below the second threshold based at least

in part on a signal from each accelerometer indicating that camera acceleration is below a defined third threshold in each axis.

14. (Currently amended) The portable recall device of claim 1 further comprising:
a gyroscope,

wherein ~~detection of the stable condition comprises detection of~~ the controller is operably connected to the gyroscope and is adapted to determine whether the capture condition is satisfied based in part on a signal from the gyroscope indicating that yawing movement of the camera is below a defined third threshold.

15. (Currently amended) The portable recall device of claim 1 wherein the controller is adapted to control the camera to capture ~~[[of]]~~ the image is ~~delayed by~~ at least a predefined delay period after ~~the detection of~~ determining that the capture condition is satisfied.

16. (Currently amended) The portable recall device of claim 1 further comprising:
a passive infrared detector,

wherein ~~detection of~~ the controller is operably connected to the passive infrared detector and is further adapted to determine whether the capture condition ~~comprises detection of~~ is satisfied by comparing a change in a signal from ~~[[a]]~~ the passive infrared detector ~~triggered by to a third threshold to determine whether the signal indicates~~ heat from a person in the proximity of the portable recall device.

17. (Currently amended) A method comprising:

monitoring acceleration of a camera along at least one axis using an accelerometer;

~~detecting a capture condition experienced by the camera by monitoring~~ [[an]] at least one ambient condition of an environment of the camera , the ambient condition including a change in an ambient light level corresponding to movement of the camera from one room to another, with [[an]] at least one environmental sensor;

detecting whether a stable condition is satisfied by determining whether the acceleration of the camera detected by the at least one accelerometer along the at least one axis ~~, responsive to the operation of detecting the capture condition is below a first threshold; [[and]]~~

detecting whether a capture condition is satisfied by comparing a change in the at least one ambient condition monitored by the at least one environmental sensor to at least one second threshold;

determining whether to capture an image based at least in part on whether the stable condition and the capture condition are satisfied; and

when it is determined that an image should be captured, capturing an image by the camera in response to the detection of the capture condition and the detection of the stable condition.

18. – 19. (Canceled)

20. (Original) The method of claim 17 further comprising:
recording ambient sounds responsive to detection of the capture condition.

21. (Original) The method of claim 17 wherein the camera includes a wide-angle lens.

22. (Original) The method of claim 17 wherein the camera includes a fish-eye lens.

23. – 28. (Canceled)

29. (Currently amended) The method of claim 17 wherein detecting whether the stable condition is satisfied further comprises:

detecting a signal from a gyroscope that indicates that yawing movement of the camera is below a defined threshold.

30. (Currently amended) The method of claim 17 wherein ~~triggering of the capture of~~ capturing the image by the camera comprises:

is delayed by delaying at least a predefined delay period after the detection of
determining that the capture condition is satisfied; and

following the predefined delay period, capturing the image.

31. (Original) The method of claim 17 further comprising:
reviewing in sequence a plurality of captured images downloaded from the portable recall device.

32. (Currently amended) A computer readable storage medium ~~for encoding a computer program for executing~~ encoded with instructions that, when executed by a computer, cause the computer to perform a computer process on a computer system, the computer process comprising:

monitoring acceleration of a camera along at least one axis using an accelerometer;
detecting whether a capture condition experienced by the camera is satisfied by monitoring at least one ambient conditions condition with at least one environmental sensors sensor, the at least one ambient conditions condition including at least one of ambient light, ambient temperature, and ambient sound, and ~~the capture condition including a change in a level of the ambient light~~ comparing a change in the at least one ambient condition to a first threshold;
[[and]]

detecting whether a stable condition is satisfied by determining whether the acceleration of the camera detected by the at least one accelerometer along the at least one axis [[,]] is below a second threshold;

responsive to the operation of detecting the capture condition, wherein detection of determining whether to capture an image based at least in part on whether the capture condition followed by detection of the stable condition triggers capture of is satisfied; and

when it is determined that an image is to be captured;

determining when to capture an image based at least in part on whether the stable condition is satisfied; and

capturing an image by the camera , the capture of the image by the camera delayed by at least a predefined delay period after detection of the capture condition.

33. (Currently amended) A digital media player configured to be carried by a wearer comprising:

a camera;

~~at least one accelerometer connected to the camera that detects of the camera; and~~
[[an]] at least one environmental sensor operably connected to the camera that monitors
an at least one ambient condition, the at least one ambient condition including ambient light ~~, to~~
~~detect a capture condition including; and~~
a controller operably connected to the camera and the at least one environmental sensor
to determine whether to capture an image using the camera based on satisfaction of a capture
condition, wherein the controller is adapted to determine whether the capture condition is
satisfied by determining whether a change in a level of the ambient light is above a first
threshold , wherein ~~detection of the capture condition followed by detection of the stable~~
~~condition triggers capture of an image by the camera.~~

34. – 43. (Canceled)

44. (Currently amended) The portable recall device of claim 1, wherein the ambient
~~light is directly measured by~~ at least one environmental sensor comprises a light level sensor.

45. (Currently amended) The method of claim 17, wherein the at least one
environmental sensor comprises a light level sensor.

46. (Currently amended) The digital media player of claim 33, wherein the ~~ambient~~
~~light is directly measured by~~ at least one environmental sensor comprises a light level sensor, and
wherein the first threshold corresponds to a change in the level of the ambient light
~~corresponds to~~ associated with the light level sensor moving from one room to another room.

47. (New) The method of claim 17, wherein monitoring the at least one ambient
condition comprises monitoring an ambient sound level, and
wherein comparing the change in the at least one ambient condition to the at least one
second threshold comprises determining whether a change in the ambient sound is above a third
threshold.

48. (New) The method of claim 17, wherein monitoring the at least one ambient condition comprises monitoring an ambient temperature, and

wherein comparing the change in the at least one ambient condition to the at least one second threshold comprises determining whether a change in the ambient temperature is above a third threshold.